

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A display apparatus comprising:
at least one image display means; and
a projection optical system for obliquely projecting image light from said at least one image display means onto a projection surface,
wherein said projection optical system includes a plurality of aspherical curved mirrors and projects the image light with a distortion ~~not more than 1.2%~~ equal to or less than 0.5%, and
wherein a brightness unevenness on the projection surface by the image light is equal to or less than 20%.
2. (Original) An apparatus according to claim 1, wherein the curved mirrors include at least six aspherical curved mirrors.
3. (Original) An apparatus according to claim 2, wherein said projection optical system includes at least one plane mirror.
4. (Original) An apparatus according to claim 3, wherein at least one of the plane mirrors is placed parallel to the projection surface.

5. (Original) An apparatus according to claim 4, wherein said at least six aspherical curved mirrors and said at least one plane mirror are sequentially arranged from the image display means side.

6. (Withdrawn) An apparatus according to claim 1, further comprising an aperture stop between said image display means and said projection optical system.

7. (Withdrawn) An apparatus according to claim 2, further comprising an aperture stop between said image display means and said projection optical system.

8. (Original) An apparatus according to claim 2, further comprising an aperture stop between a second curved mirror and a third curved mirror from the image display means side.

9. (Withdrawn) An apparatus according to claim 3, further comprising an aperture stop between said image display means and the curved mirror.

10. (Original) An apparatus according to claim 3, further comprising an aperture stop between a second curved mirror and a third curved mirror from the image display means side.

11. (Original) An apparatus according to claim 2, wherein said projection optical system includes:

at least two plane mirrors arranged parallel to the projection surface; and
an aperture stop.

12. (Original) An apparatus according to claim 1, wherein
the projection surface receives light from said image display means and
the projection surface is constructed such that at least two eccentric Fresnel plates
which have substantially the same structure are stacked on each other.

13. (Original) An apparatus according to claim 1, wherein light from said
image display means is projected on the projection surface from a rear surface thereof.

14. (Original) An image processing apparatus comprising:
said display apparatus defined by claim 1; and
an image information input device for supplying image information to said
display apparatus.

15. (Previously presented) An apparatus according to claim 14, wherein
said image information input device comprises an arithmetic unit.

16. (Currently amended) A display apparatus comprising:
at least one image display means;
a projection surface; and

a projection optical system for obliquely projecting image light from said at least one image display means onto said projection surface,

wherein said projection optical system includes at least six aspherical curved mirrors and a plurality of plane mirrors which are sequentially arranged from the image display means side, and

wherein said projection optical system projects the image light with a distortion equal to or less than 0.5% and a brightness unevenness on the projection surface by the image light is equal to or less than 20%.

17. (Previously presented) An apparatus according to claim 16, further comprising an aperture stop between at least one of said curved mirrors and said image display means.

18. (Previously presented) An apparatus according to claim 16, further comprising an aperture stop between second and third mirrors of the curved mirrors from said image display means side.

19. (Previously presented) A projection optical system for obliquely projecting light from image display means, comprising a plurality of aspherical curved mirrors, wherein an image is projected with a distortion not more than 1.2%.